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PATENT  
180577-00164

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants : Vinh N. Le  
Serial No. : N/A  
Filed : Herewith on July 12, 2004  
For : CHEMICAL REACTOR WITH HEAT PIPE COOLING  
Group Art Unit: N/A  
Examiner : N/A

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New York, New York 10022

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(Signature of person mailing paper or fee)

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Applicants respectfully submit this Information Disclosure Statement and accompanying  
PTO 1449 form pursuant to 37 C.F.R. §§1.97 and 1.98 to comply with the duty of disclosure  
under 37 C.F.R. §1.56. A copy of each of the listed references, other than U.S. Patents, are

enclosed for the convenience of the Examiner. English language translations of the foreign references are not provided because they are not readily available to the Applicant.

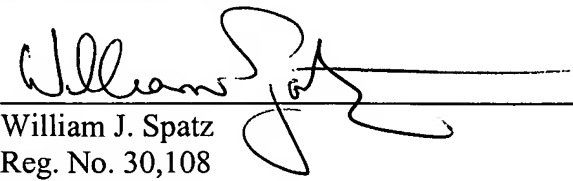
This Information Disclosure Statement is not a representation that the documents cited in the attached PTO-1449 form are considered most pertinent, or that a search has been undertaken, or that any of the cited documents is indeed prior art. The Examiner is invited to undertake an independent search.

Applicants respectfully request that the Examiner consider and make of record the identified documents. Applicants further request that a copy of the Form PTO-1449, appropriately initialed by the Examiner, be returned to Applicants' attorney.

Pursuant to Rule 37 C.F.R. 1.97(b), an Information Disclosure Statement shall be considered by the Patent Office if filed before the mailing date of the first Official Action on the merits. As this Information Disclosure Statement is being filed before the issuance of an Official Action on the merits, no fee is believed to be necessary for this Information Disclosure Statement. However, if any fee is found to be due, the Commissioner is authorized to charge such fee, or credit any overpayment in such fees, to Deposit Account No. 50-0540.

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DT15 Doc'd PCT/PTO 11 2 JUL 2004

Based on Form PTO-1449 (3/90)  LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 180577-00164	SERIAL NO. <b>10/501498</b>
	APPLICANTS Vinh N. Le	
	FILING DATE Herewith on July 12, 2004	GROUP

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AA	1,873,876	8/1932	Downs			
	AB	2,217,469	10/1940	Clarke			
	AC	2,585,462	2/1952	Hirsch			
	AD	2,596,299	5/1952	Simpson			
	AE	3,930,800	1/1976	Schoener			
	AF	4,474,230	10/1984	McCallister			
	AG	4,538,423	9/1985	Le Diuron			
	AH	5,056,586	10/1991	Bemisderfer			
	AI	5,253,702	10/1993	Davidson et al			
	AJ						
	AK						
	AL						
	AM						
	AN						

## FOREIGN PATENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
	BA	DE3139024	5/1982	Germany				
	BB	DE19740658	3/1999	Germany				
	BC	EP0715886	6/1996	EPO				
	BD	FR1021255	2/1953	France				
	BE	JP60153936	8/1985	Japan				

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	CA	Database WPI, Derwent Publications Ltd., DE19740658, March 18, 1999, IRT-Innovative Recycling Technologie GmbH
	CB	Patent Abstracts of Japan, Vol. 009, No. 317 (C-319), 12 December 1985, for JP 60153936, Babcock Hitachi KK
		-

EXAMINER	DATE CONSIDERED
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\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.